

# INTERNATIONAL SEARCH REPORT

Intern: Application No  
PCT/GB2004/003103

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01N13/00 A61K49/18 B01J13/02 A61K9/51

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01N A61K B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/080885 A (DENNIS DONN M ; SHAH DINESH O (US); MOREY TIMOTHY E (US); UNIV FLORIDA) 17 October 2002 (2002-10-17) page 9, line 21 - line 28 page 10, line 18 - page 11, line 3 page 12, line 3 - line 17 page 24, line 8 - line 28 page 25, line 11 - page 26, line 3 figure 1 ----- -/-	2-18
A		1,19,20

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

7 October 2004

Date of mailing of the international search report

27 01 2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Hocquet, A

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Application No

PCT/US2004/003103

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HO T S ET AL: "Recovery, enrichment and selectivity in liquid-phase microextraction - Comparison with conventional liquid-liquid extraction" JOURNAL OF CHROMATOGRAPHY A, ELSEVIER SCIENCE, NL, vol. 963, no. 1-2, 19 July 2002 (2002-07-19), pages 3-17, XP004368634 ISSN: 0021-9673 page 4, column 1, last paragraph - column 2, paragraph 1 -----	1-25
A	US 6 548 264 B1 (DOBSON JON ET AL) 15 April 2003 (2003-04-15)	1
A	column 2, line 23 - line 29 column 4, line 44 - line 54 -----	5,6
A	US 2002/034827 A1 (CROMER REMY ET AL) 21 March 2002 (2002-03-21) paragraphs [0028], [0038], [0047], [0064], [0075], [0103], [0128], [0148], [0153], [0154] -----	1-25
P,A	WO 03/057359 A (TSANG SHIK CHI ; UNIV READING (GB); CHAN HENRY BO SO (GB)) 17 July 2003 (2003-07-17) cited in the application the whole document -----	1
A	GB 1 171 795 A (INCENTIVE) 26 November 1969 (1969-11-26) the whole document -----	1,19,20

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onal application No.  
PCT/GB2004/003103

### Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-25

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

International Application No. PCT/ GB2004/ 003103

### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-25

measuring the coefficient of partition of a compound using a composition of nanoparticles having a porous surface and two immiscible solvents where one of the solvent is absorbed in the pores of the nanoparticles.

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2. claims: 26-40

nanoparticles having a core comprising a catalytically active species and a porous layer surrounding this core and method for making such nanoparticles.

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3. claims: 41-50

method of depositing a component in pores of a porous material by contacting it with a solution of the component in a supercritical fluid

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern.	Int'l Application No
	PCT/GB2004/003103

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 02080885	A 17-10-2002	WO 02080885	A1	17-10-2002
US 6548264	B1 15-04-2003	AU 6184101	A	26-11-2001
		CA 2410023	A1	22-11-2001
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		NZ 523078	A	24-09-2004
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		WO 0209836	A2	07-02-2002
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GB 1171795	A 26-11-1969	CH 480629	A	31-10-1969
		DE 1598639	A1	01-10-1970
		FR 1506690	A	22-12-1967